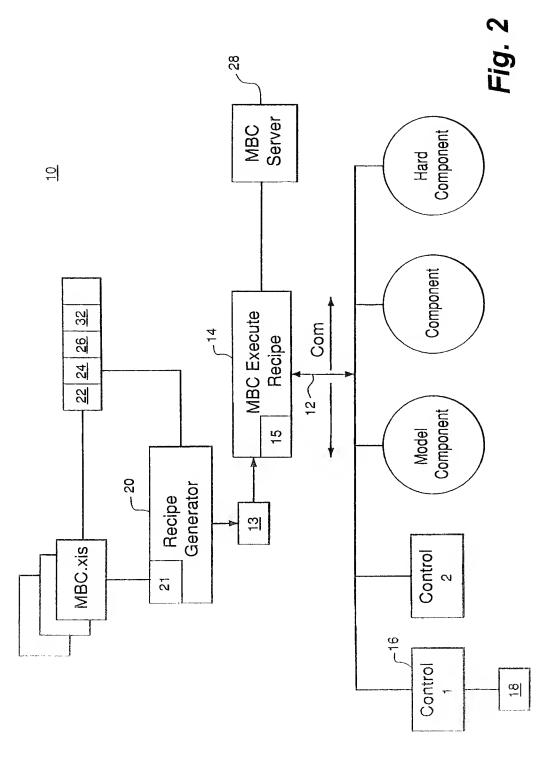


Fig. 1



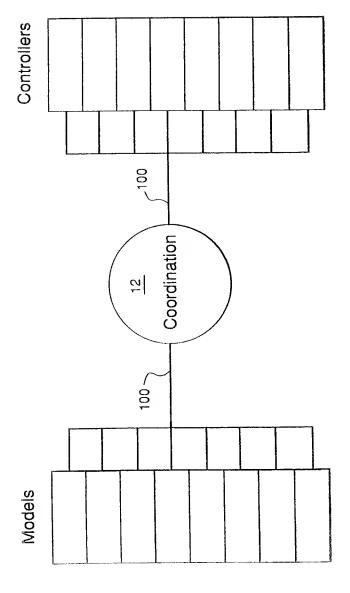
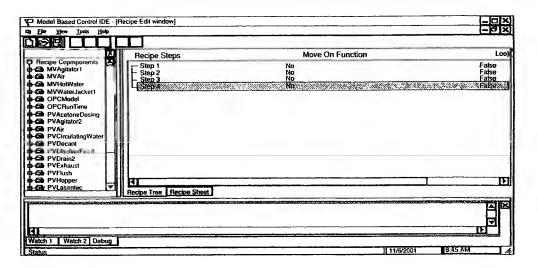


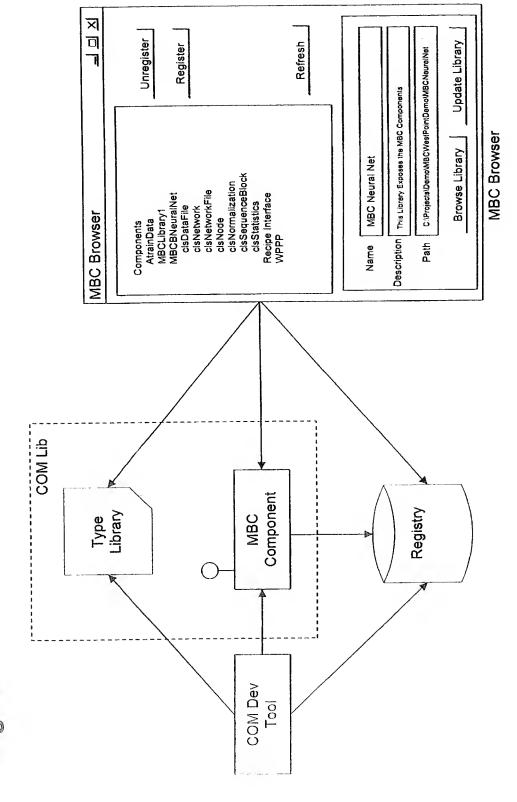
Fig. 2A



Aecipe Edit Window				
Recipe Steps	Move On function	Loop	LoopTime	StepTime
F Step 1 F Step 2 L Step 3	No No No	False False False	10 0 0	100 0 0

n Recipe Step Detail		×
Step No: Description: Step	p 1	
Post-Process Step Component Commands A	Loop Control Move On: No Loop Time: 10	
	Step Time: 100 Units: ms V	Last

Fig. 3



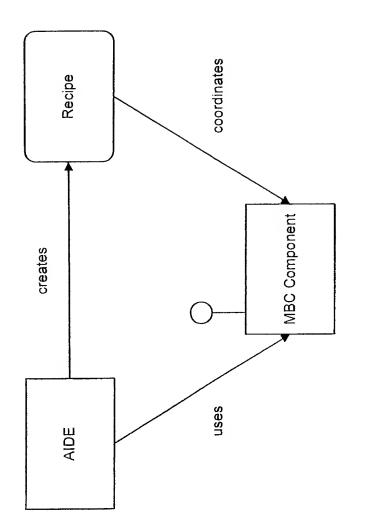
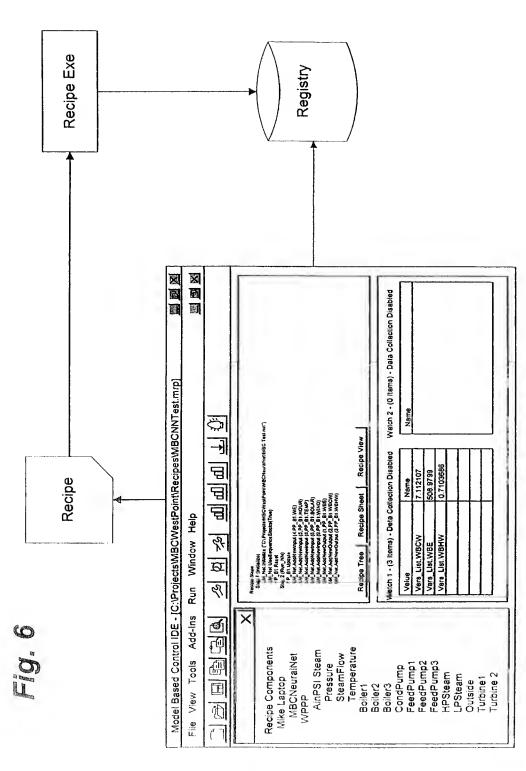
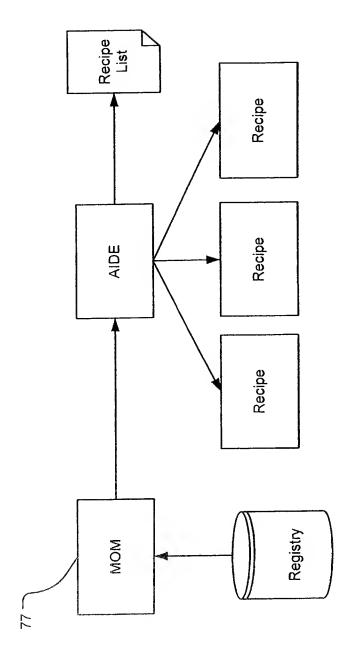
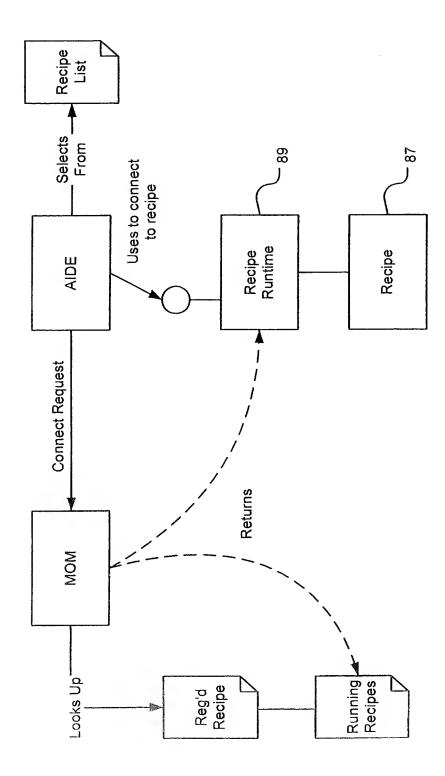


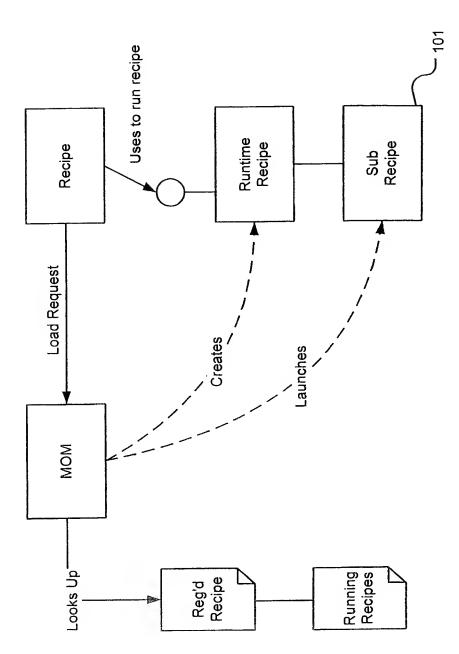
Fig. 5

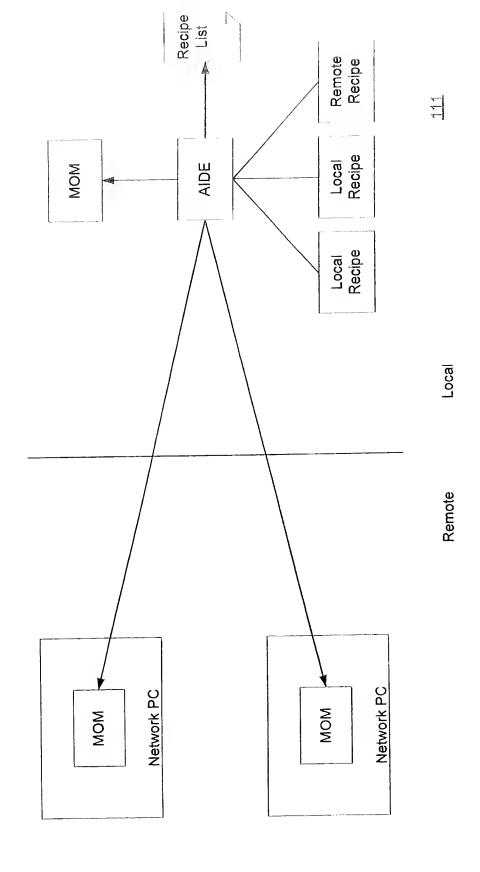


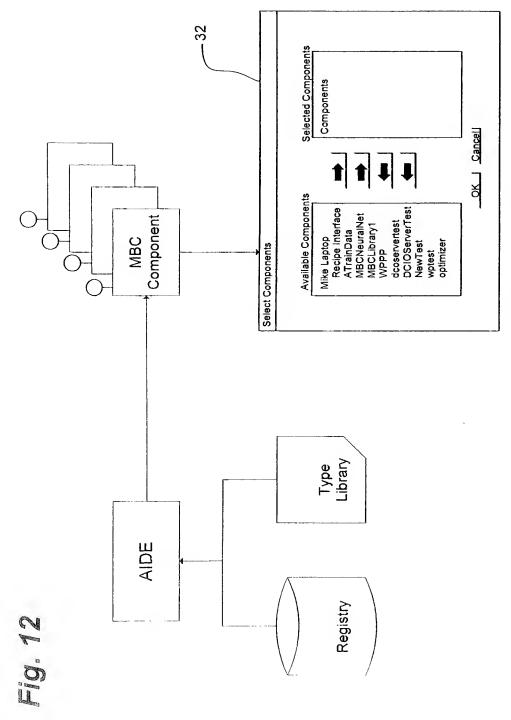
AIDE



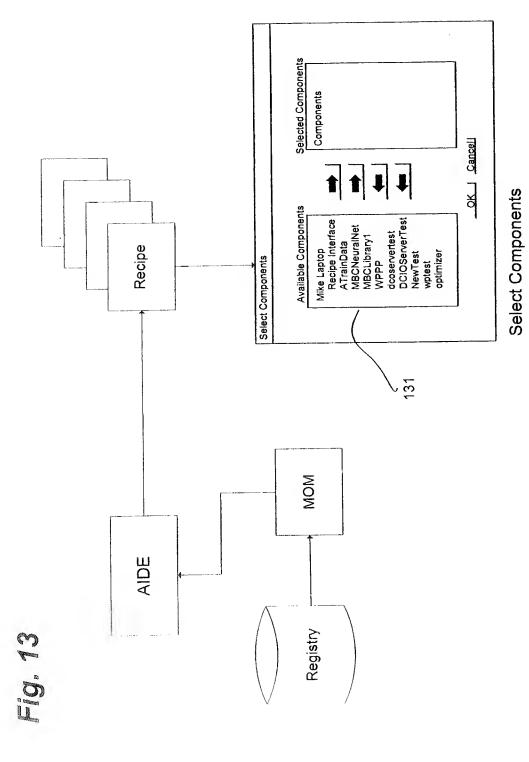


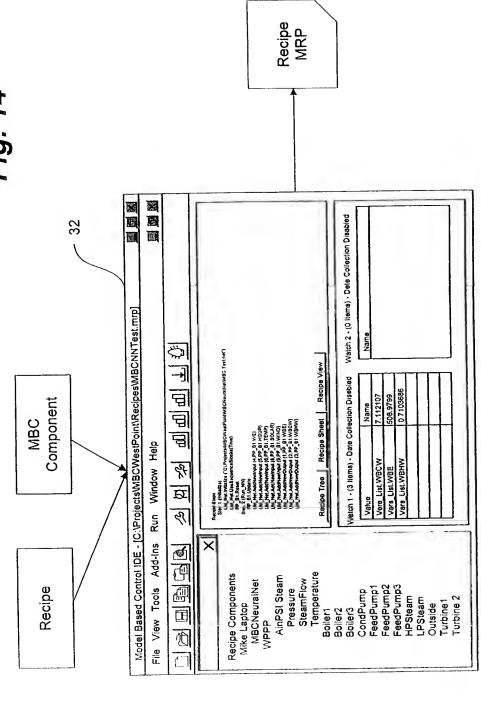




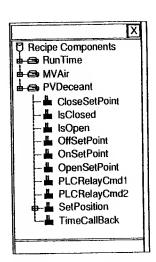


Select Components





AIDE



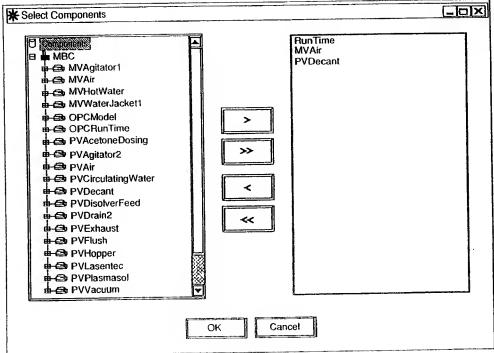
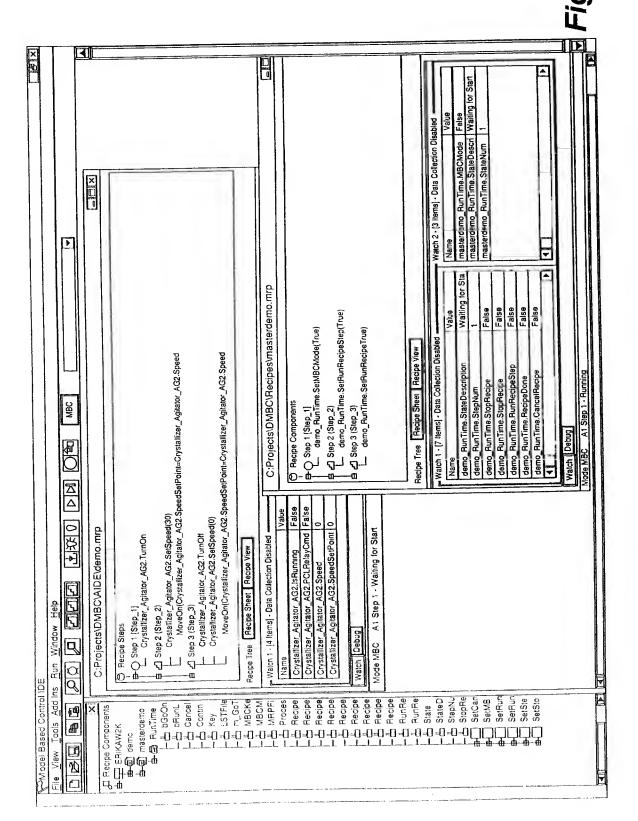


Fig. 15



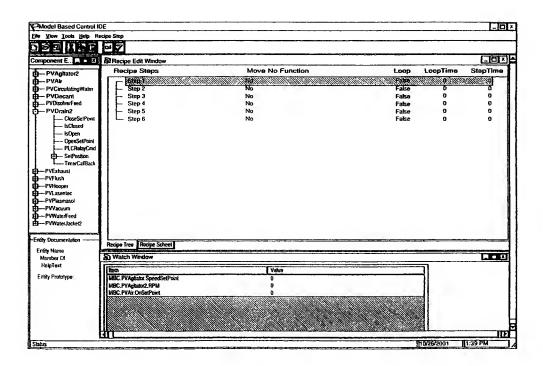


Fig. 17

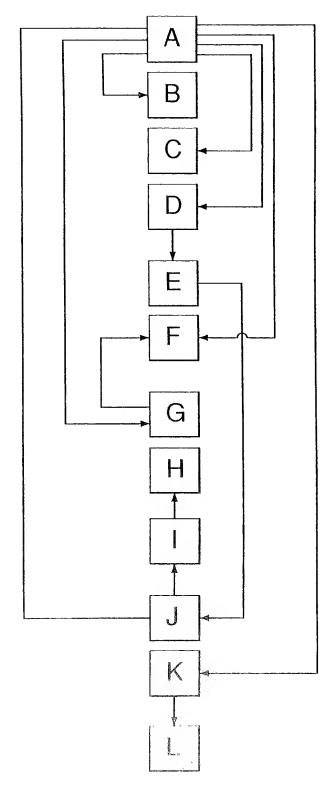


Fig. 18

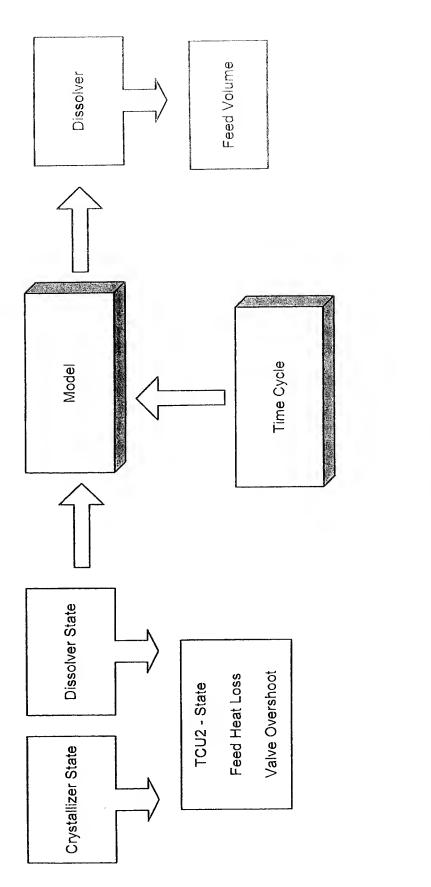
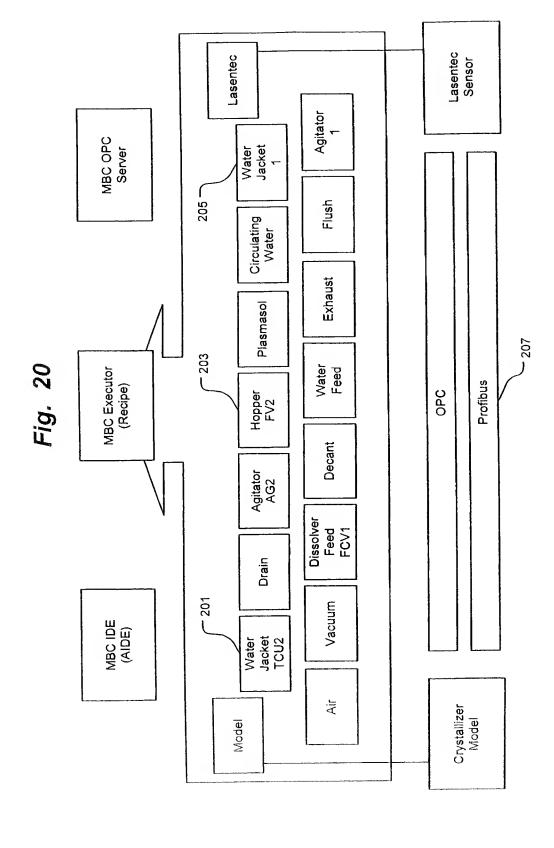


Fig. 19



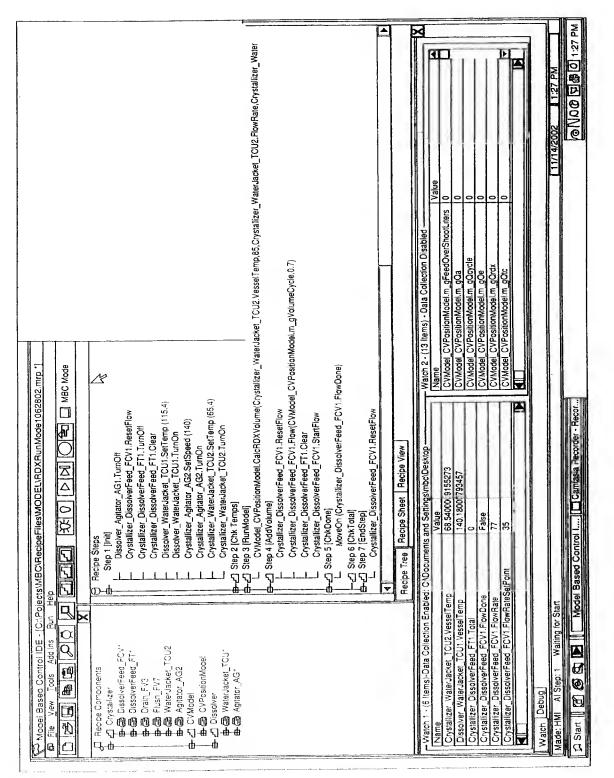
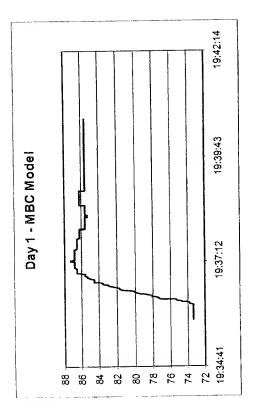
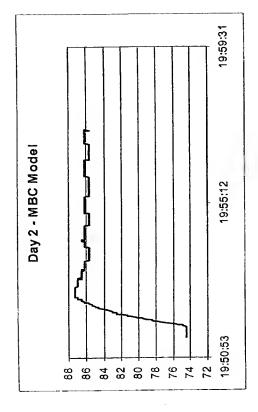
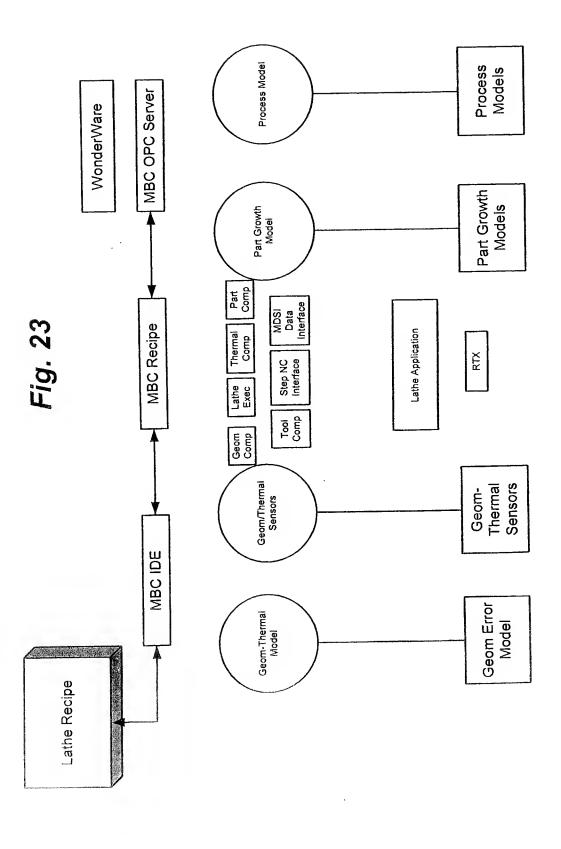


Fig. 21







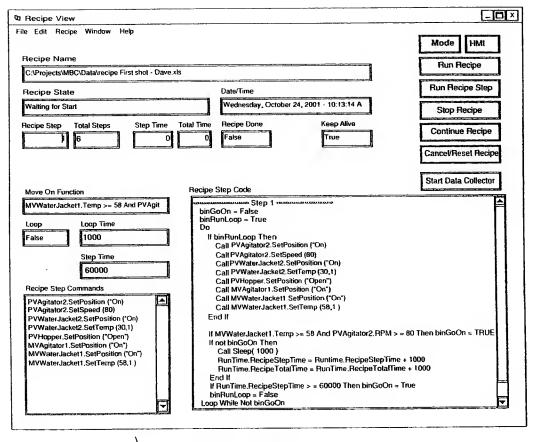


Fig. 24

Item	Value	I X
MBC.PVAgitator2.SpeedSetPoint	0	
MBC.PVAgitator2.RPM	0	
MBC.PVAir.OnSetPoint	0	$\overline{\mathbf{v}}$
1		F
Watch1 Watch2 Debug		

Fig. 25

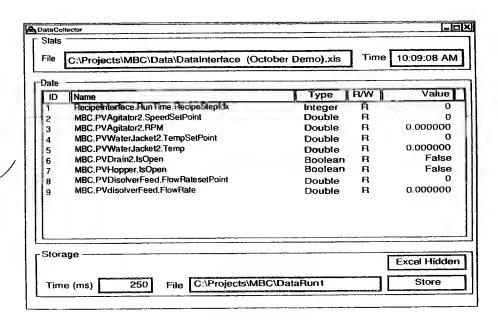


Fig. 26

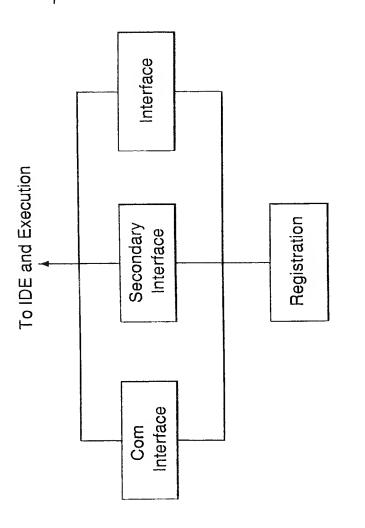


Fig. 27

Library	Component
MBC	PVAgitator2
MBC	PVWaterJacket2
MBC	PVDrain2
MBC	PVWaterFeed
MBC	PVHopper
MBC	PVDecant
MBC	PVDisolverFeed
MBC	PVFlush
MBC	MVAgitator1
MBC	MVWaterJacket1
MBC	PVExhaust
MBC	PVPlasmasol
MBC	PVAir
МВС	PVVacuum
MBC	PVCirculatingWater
MBC	PVAcetoneDosing
MBC	MVAir
MBC	MVHotWater
MBC	PVLasentec
MBC	OPCModel
MBC	OPCRuntime
Recipeinterface	RunTime
Model	TBD

Fig. 28

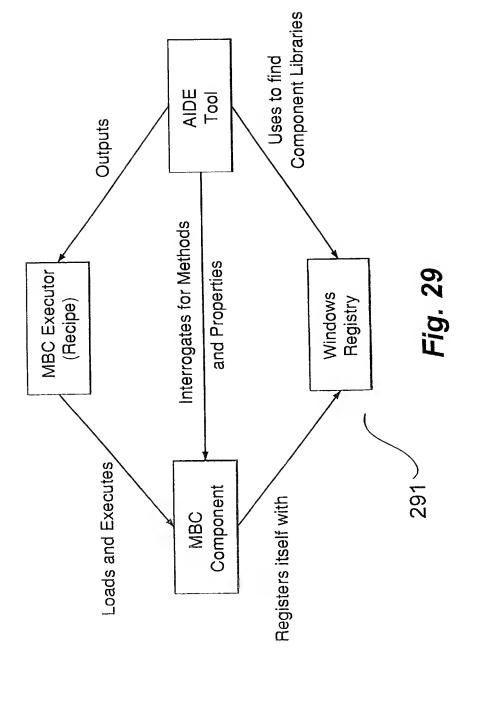
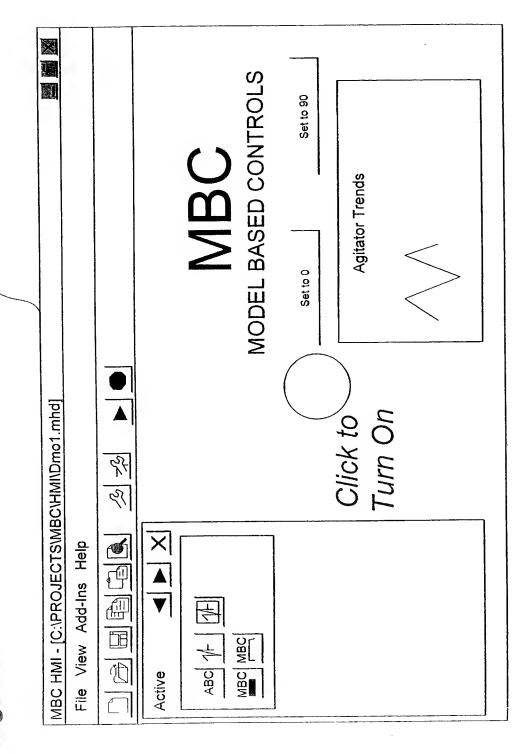


Fig. 30



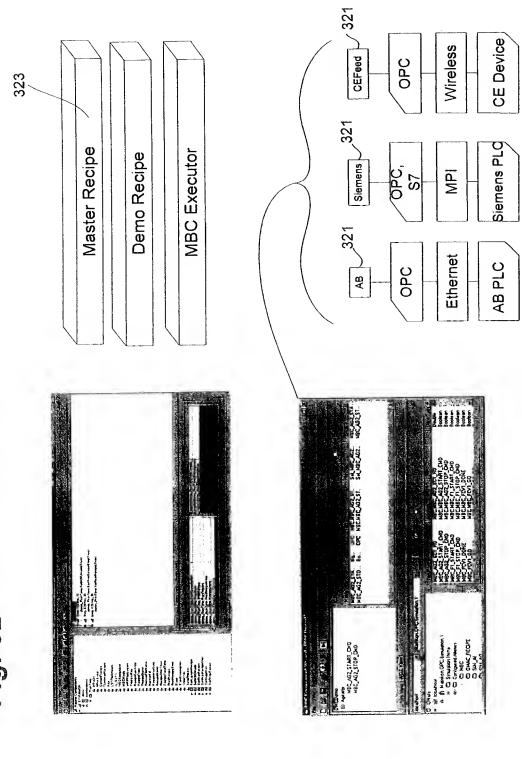


Fig. 33

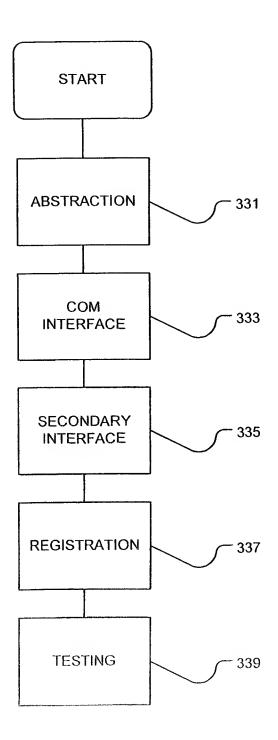


Fig. 34

♦ Reset()

clsIOPoint

Name : String

♦ IOType : String

♦ Value : Variant

Quality : Long

Threshold : Long

♦ Equals() : Long

♦ IsEqual(): Boolean

Fig. 35



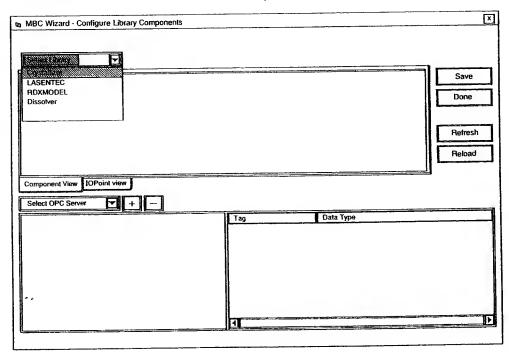


Fig. 36



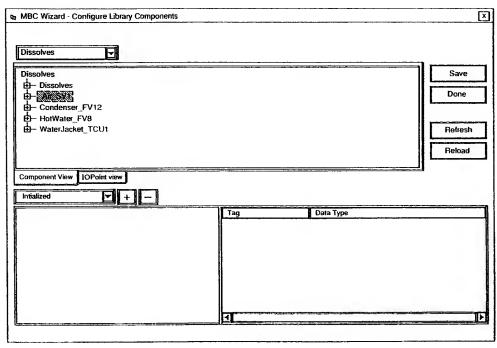


Fig. 37



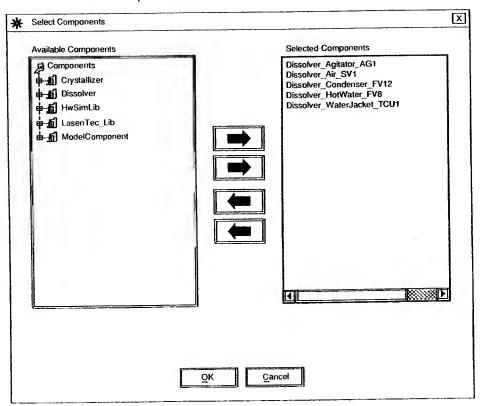


Fig. 38



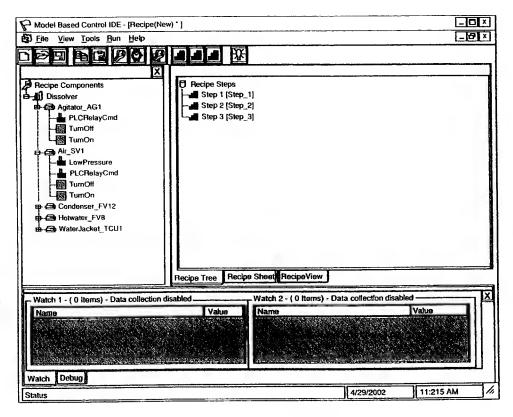


Fig. 39

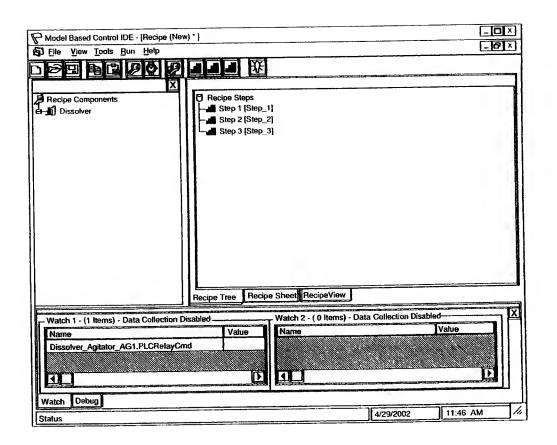


Fig. 40

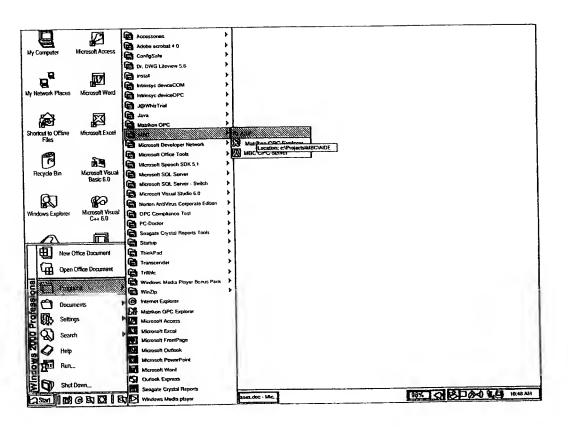


Fig. 41

lecipe Components Components	Model Based Control IDE - [C:Projects)	ABCVAIDE\Demo recipe mmp]			- C
high 1 - (4 hems) - DataCollection Disabled Name Valve Optoblister, Agitator, AG2, Ballunoing Optoblister, Agitator, AG2, Speed Optoblister, Agitator, AG2, SpeedSelffont Optoblister, Agitator, AG2, Agitator, A	Recipe Components Crystaffizer SApliator_AG2 In the Running In th	D all Step 1 (Start_Up) Crystalkizer_W Crystalkizer_W Crystalkizer_W Crystalkizer_W Crystalkizer_W MoveOn (C all Step 2 (Aphator_I Crystalkizer_W D all Step 4 (Aphator_I Crystalkizer_W D all Step 5 (Open_Dr Crystalkizer_W D all Step 5 (Open_Dr Crystalkizer_C Crystalkizer_C Crystalkizer_C Crystalkizer_C	alerin, EVI OpenValve glator_AG2 TumOn fum_On) glator_AG2 SesSpeed(30) yystatties / Agalator_AG2 Speed-30) nu_Otil tut_Otil talerin_EVI CloseVale AG2 TumOff yystatties_AG2 TumOff yystaties_AG2 TumOff alerin		
Name Valve Valve Crystalizer Agitator AGZ IsBrunning Crystalizer Agitator AGZ IsBrunning Crystalizer Agitator AGZ IsBrunning Crystalizer Dram_FV3IsClosed Crystalizer Agitator AGZ Speed Crystalizer Agitator AGZ Speed Crystalizer Agitator AGZ SpeedSelf-Ont Crystalizer AGZ SpeedSel	Mark I. (4 h) Data Collection Disable		- Watch 2: (4 horrs) - DataCollection	Disabled	
Cyptalizer Agitatis AG2. Splanning Cyptalizer Agitatis AG2. SplandSelfont Cyptalizer Agitatis AG2. SplandSelfont Cyptalizer Agitatis AG2. SplandSelfont Cyptalizer Agitatis AG2. SplandSelfont Cyptalizer Waterin, FV11. Sclosed	Name		Name		
Crystalizer Aghator AGZ PLCRebyCmd Crystalizer Aghator AGZ Speed Crystalizer Aghator AGZ Speed Crystalizer Aghator AGZ Speed Crystalizer Malerin FV11 IsoCoxed Crystalizer Malerin FV11 IsoCoxed	Crystallizer Agitator AG2.IsFlunning				
Crystallizer Agitator AG2 SpootSelfCont Crystallizer Waterin FV11.sclosed	Crystallizer Agitator AGZ.PLCRolayCrnd				
итрамим первым под эфексингов в	Crystalizer Agitator AGZ Speed				
	Crystalizer Agitator AGZ SpeedSetPoint		Crystalice_interior_PV11.SCassed		
	SI E				

Fig. 42

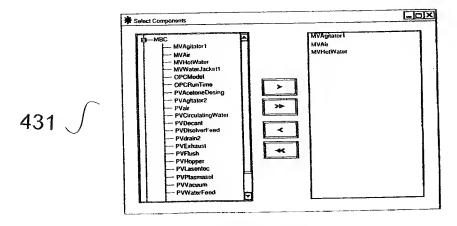


Fig. 43

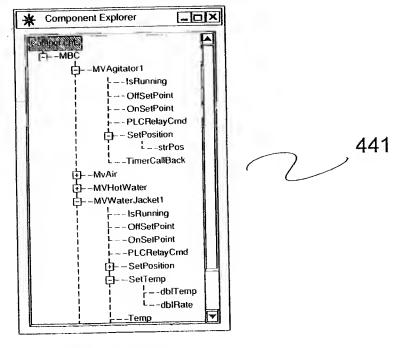


Fig. 44



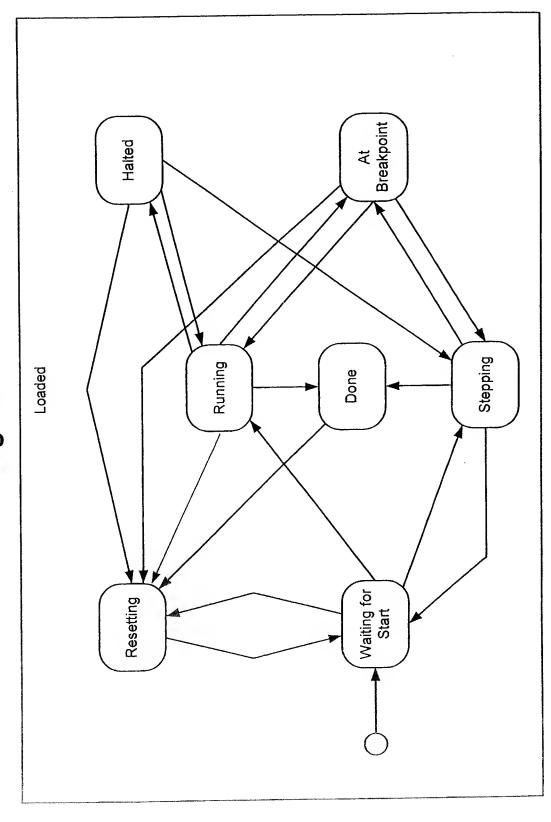
Recipe Steps	Move On Function	Loop	LoopTime	StepTime
, Step 1	No	False	0	. 6
Step 2	No	False	0	0
O-SIELS	PVAGISIONEPM + 60	# alse	0	0
F-PVAgitator2.Se	Speed ("On")			
⊢-Step 4	No	False	0	0
L-Step5	No	False	О	0

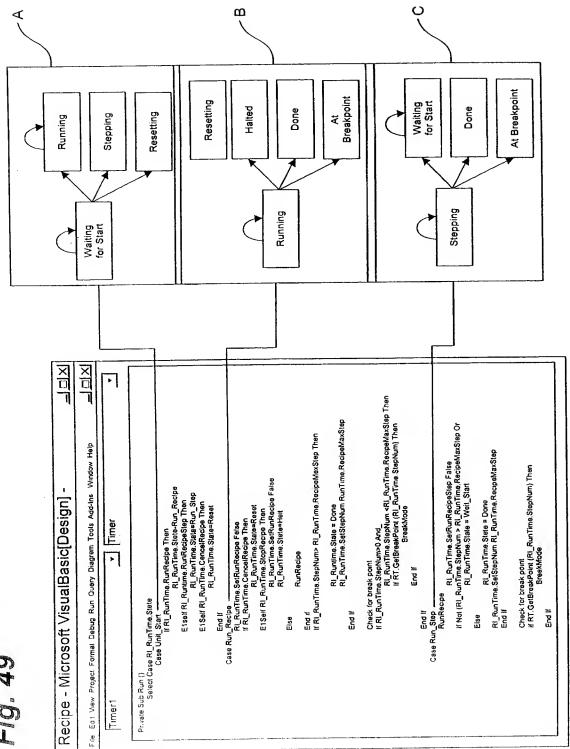
Fig. 45



🖪 Recipe Step Detail		X
Step No: Description: Step	05 OK	Cancel
Pre-Process Step		
Post-Process Step		
Component Commands MBC.PVAgitator.SetPosition("ON") A MBC.PVAir.SetPosition("Open") + -	Choop Control Move On: MBC,PVWaterJacket >= 58 Loop Time: Units: First Prev Next	Loop:

Fig. 46





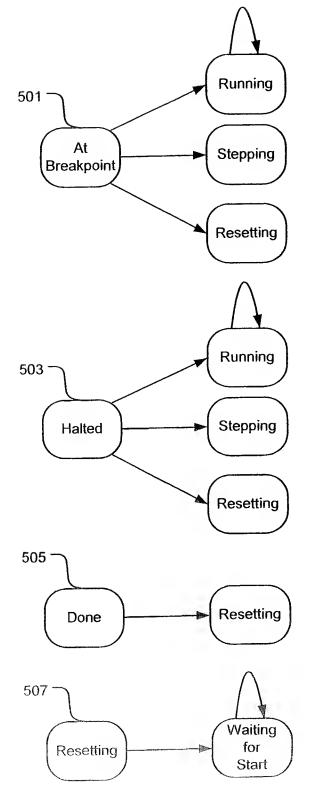


Fig. 50

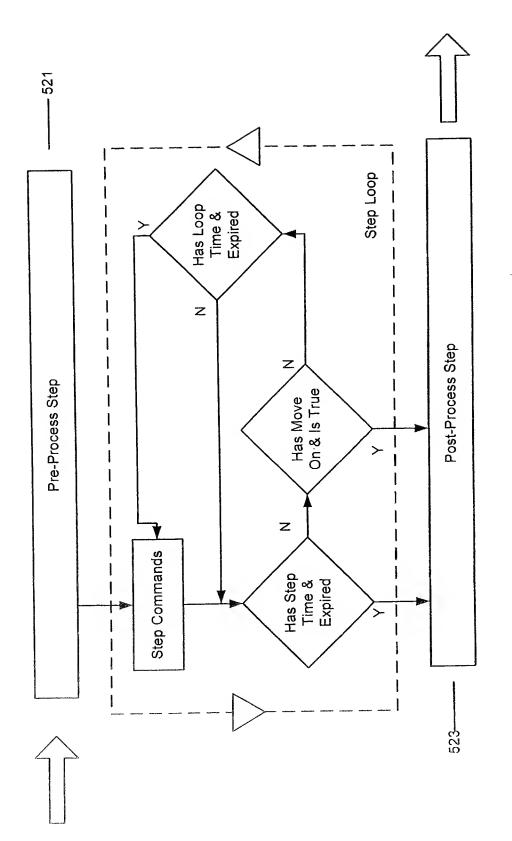
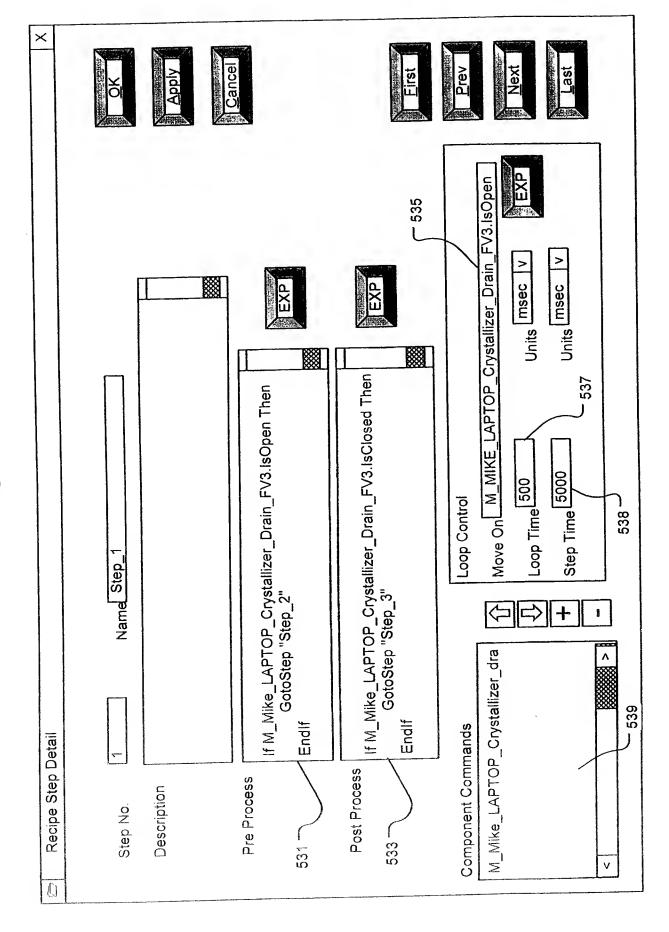
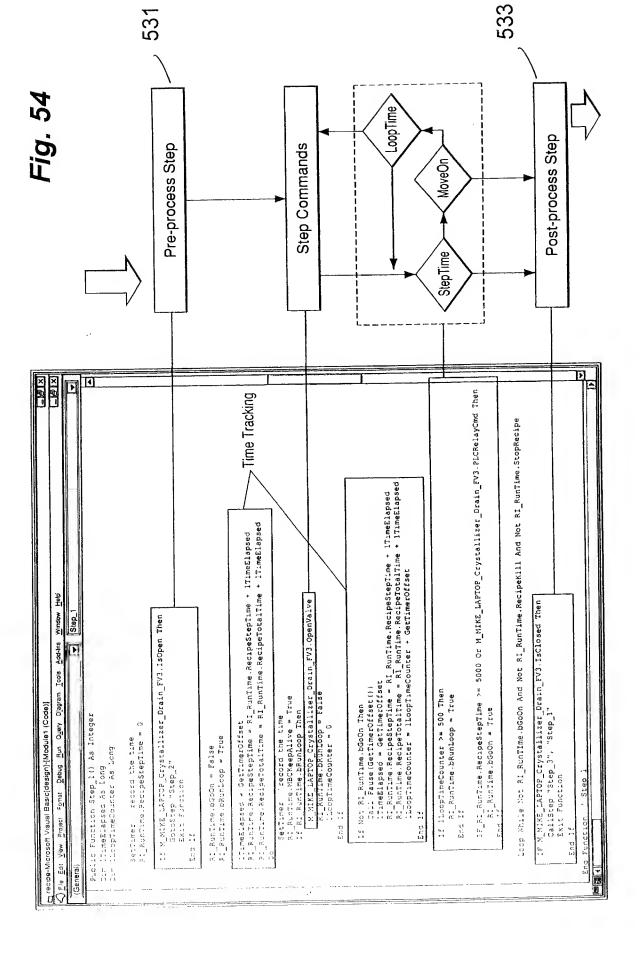
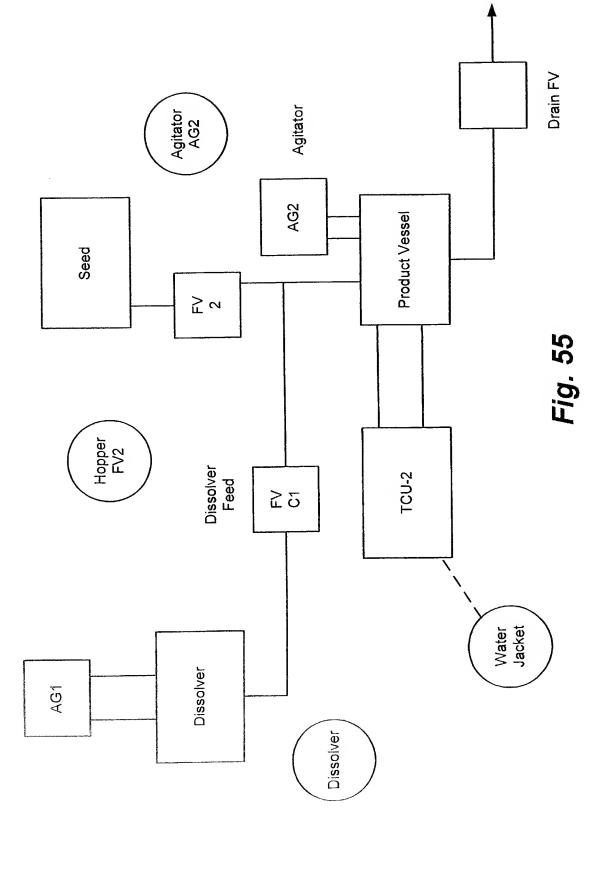
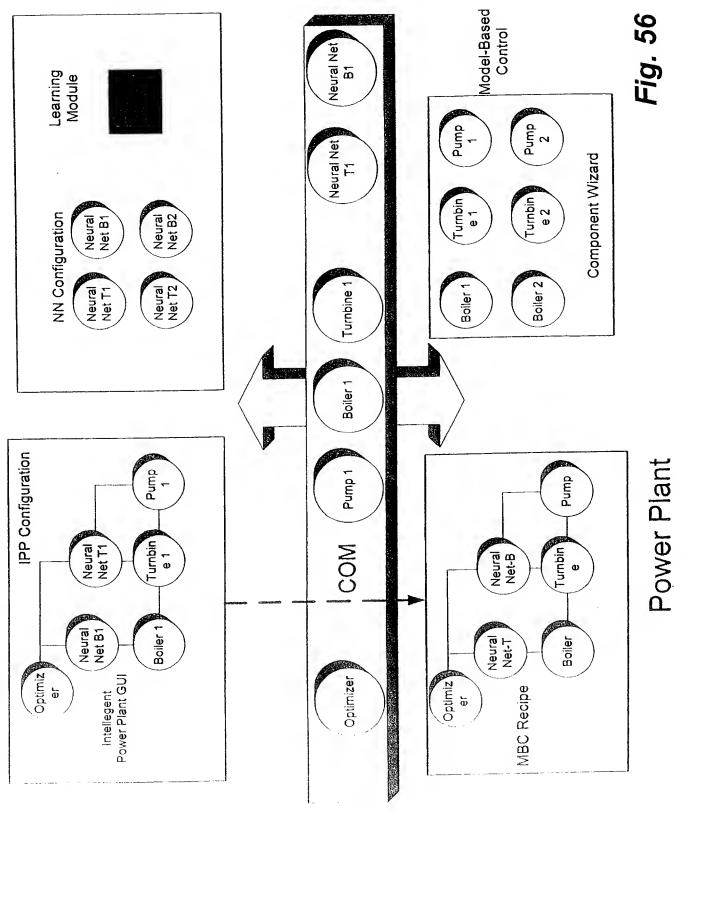


Fig. 52









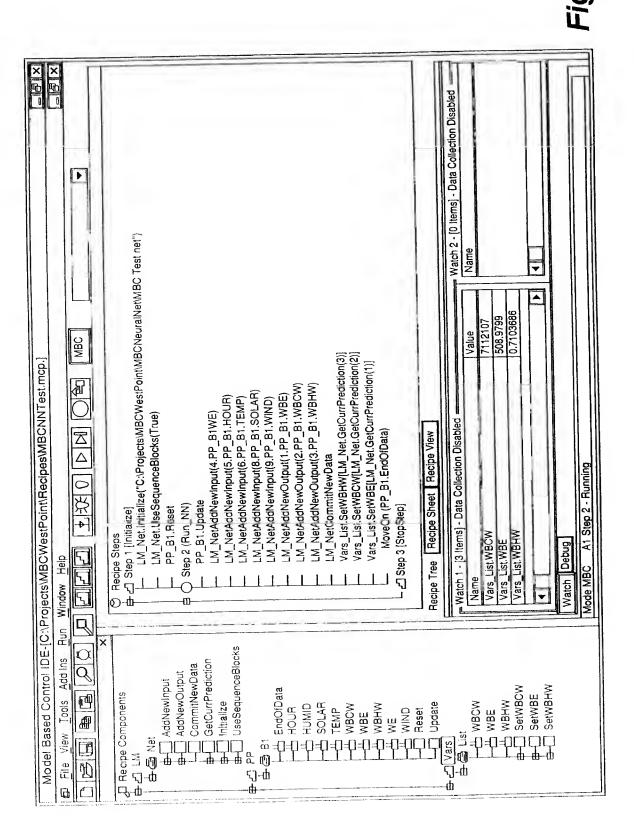
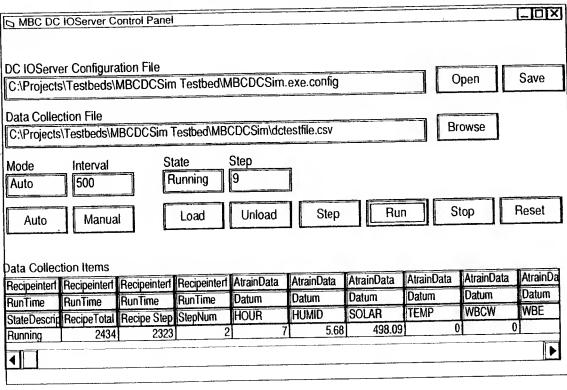


Fig. 58



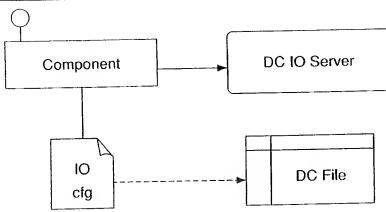


Fig. 59